



2124

41

Attorney Docket No. 24691

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

TAKAOKA, et al.

Confirmation No. 2578

Serial No. 09/891,392

Group Art Unit: 2124

Filed: June 27, 2001

Examiner: D. Malzahn

Title: **RECURSIVE DISCRETE FOURIER TRANSFORMATION METHOD AND  
RECURSIVE INVERSE DISCRETE FOURIER TRANSFORMATION  
METHOD**

TRANSMITTAL LETTER

RECEIVED

AUG 19 2004

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Technology Center 2100

Sir:

Submitted herewith for filing in the U.S. Patent and Trademark Office is the following:

- (1) Transmittal Letter; and
- (2) Amendment.

Respectfully submitted,

NATH &amp; ASSOCIATES PLLC

Gary M. Nath  
Registration No. 26,965  
Marvin C. Berkowitz  
Registration No. 47,421  
Teresa M. Arroyo  
Registration No. 50,015  
Customer No. 20529

Date: August 18, 2004  
NATH & ASSOCIATES PLLC  
1030 15<sup>TH</sup> Street, NW - 6<sup>th</sup> Floor  
Washington, D.C. 20005  
Telephone: (202) 775-8383  
Facsimile: (202) 775-8396



Attorney Docket No. 24691

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

TAKAOKA et al.

Confirmation No. 2578

Serial No. 09/891,392

Art Unit: 2124

Filed: June 27, 2001

Examiner: D. Malzahn

For: **RECURSIVE DISCRETE FOURIER TRANSFORMATION METHOD AND  
RECURSIVE INVERSE DISCRETE FOURIER TRANSFORMATION METHOD**

**AMENDMENT**

Mail Stop Amendment  
P.O. Box 1450  
Commissioner for Patents  
Alexandria, VA 22313-1450

**RECEIVED**

AUG 19 2004

Technology Center 2100

Sir:

This is in response to the Office Action having a mailing date of May 21, 2004. The three month shortened statutory period to respond is set to expire August 21, 2004.

In view of the following amendments and remarks, Applicants respectfully request the Examiner to reconsider and withdraw the outstanding rejections and allow all claims pending in this application.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 17 of this paper.